

SPV 2,5/ 1-M

Order No.: 3041053



<http://catalog.phoenixcontact.net/phoenix/treeViewClick.do?UID=3041053>

Plug, Connection method: Spring-cage connection, Number of positions: 1, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 5.2 mm, Height: 34 mm, Color: gray

Commercial data

EAN	4 046356 055024
sales group	A671
Pack	50 Pcs.
Customs tariff	85366990
Gross weight in pieces	0.003366 KG
Net weight per piece	0.003366 KG
Catalog page information	Page 421 (C-3-2013)

Product notes

WEEE/RoHS-compliant since:
01/01/2005



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Product description

Connector element center, left housing with engagement pin, right opened without cover

Technical data

General

Number of levels	1
Number of connections	1

Color	gray
Insulating material	PA
Inflammability class according to UL 94	V0
Area of application	Railway industry
	Mechanical engineering
	Plant engineering

General

Maximum load current	24 A (with 2.5 mm ² conductor cross section)
Rated surge voltage	6 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 61984
Maximum load current (lower level)	24 A
Additional text	with 4 mm ² conductor cross section
Nominal current I _N (lower level)	24 A
Nominal voltage U _N	500 V
Open side panel	nein
Number of positions	1

Dimensions

Width	5.2 mm
Length	23.4 mm
Height	34 mm

Connection data

Connection in acc. with standard	IEC 61984
Connection method	Spring-cage connection
Conductor cross section solid min.	0.08 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section AWG/kcmil min.	28
Conductor cross section AWG/kcmil max	12
Conductor cross section stranded min.	0.08 mm ²
Conductor cross section stranded max.	2.5 mm ²
Min. AWG conductor cross section, stranded	28
Max. AWG conductor cross section, stranded	14

Conductor cross section stranded, with ferrule without plastic sleeve min.	0.14 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.14 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm ²
2 conductors with same cross section, stranded max.	0.5 mm ²
Stripping length	10 mm
Internal cylindrical gage	A3

Certificates / Approvals



Certification

cULus Recognized, GOST

Certifications applied for:

Certification Ex:

Accessories

Item	Designation	Description
Assembly		
3041862	PRV/2	Latching, Number of positions: 2, Color: orange
3040591	PSH 3- 6	Shield connection clamp, Color: black
3040601	PSH 5-10	Shield connection clamp, Color: black
3040627	PZ/2	Strain relief, Number of positions: 2, Color: black
3040643	PZ/4	Strain relief, Number of positions: 4, Color: black

Connector/Adapter

0201731	MPS-IH BK	Insulating sleeve, Color: black
0201689	MPS-IH BU	Insulating sleeve, Color: blue
0201702	MPS-IH GN	Insulating sleeve, Color: green
0201728	MPS-IH GY	Insulating sleeve, Color: gray

0201676	MPS-IH RD	Insulating sleeve, Color: red
0201663	MPS-IH WH	Insulating sleeve, Color: white
0201692	MPS-IH YE	Insulating sleeve, Color: yellow
0201744	MPS-MT	Test plugs, Color: silver
3030983	PS-5	Test plugs, Color: red
3038723	PS-5/2,3MM RD	Test plugs, Color: red
0201647	RPS	Reducing plug, Color: gray

Covers

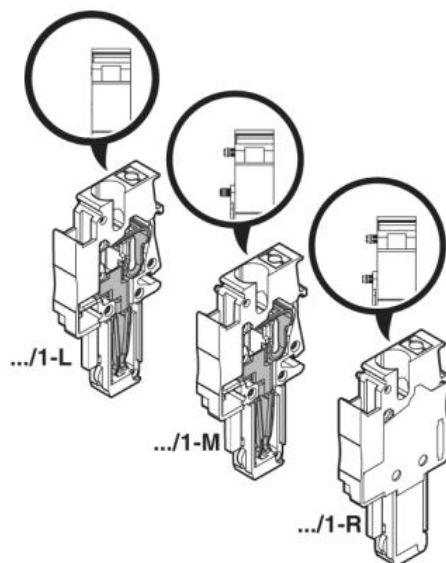
3036725	DP PS-5	Spacer plate, Color: red
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Drawings

Circuit diagram



Schematic diagram



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